10/081,661

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jamal BAINA et al.

CERTIFICATES OF CORRECTION BRANCH

Patent No.: 7,107,251

Issue Date: Sep. 12, 2006

For: METHOD OF EVALUATING THE QUALITY OF AUDIO-VISUAL SEQUENCES

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant hereby requests issuance of a Certificate of Correction pursuant to 37 CFR 1.322 as shown on the attached form PTO-1050.

The corrections requested herein are the result of Patent Office printing mistakes.

The PCT Publication date is January 4, 2001 and not January 14, 2001. A printout of the first page of the PCT publication is attached to support this correction.

In paragraph (b) of the Abstract, "training sets EA" should read "training sets EAj". A copy of the abstract as filed is attached to support this correction.

Accordingly, issuance of the certificate is respectfully requested.

Since the error was a result of a Patent Office oversight, no fee is required, however, please charge any fee deficiency or credit any overpayment to Deposit Account No. 50-1088.

Respectfully requested,
CLARK & BRODY

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Docket No.: 11016-0007
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PTO/SB/44 (04-05)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,107,251

APPLICATION NO.: 10/018,661

ISSUE DATE : Sep. 12, 2006

INVENTOR(S) : Jamal Baina and Pierre Bretillon

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Front page of the patent:
"PCT Pub. Date: Jan. 14, 2001" should read "PCT Pub. Date: Jan. 1, 2001"

Front page of the patent in the Abstract:
paragraph (b), " training sets EA" should read "training sets EAj"

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Clark & Brody
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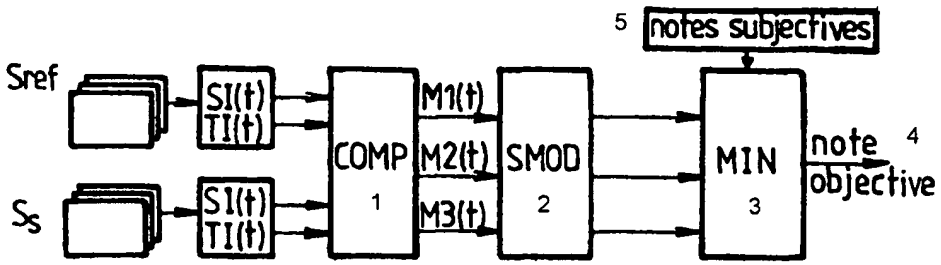
En ce qui concerne les codes à deux lettres et autres abréviations, se référer aux "Notes explicatives relatives aux codes et abréviations" figurant au début de chaque numéro ordinaire de la Gazette du PCT.

(54) Title: METHOD FOR EVALUATING THE QUALITY OF AUDIO-VISUAL SEQUENCES

(54) Titre: PROCEDE D'EVALUATION DE LA QUALITE DE SEQUENCES AUDIOVISUELLES



1...COMPARATOR
2...SUMMING MODULE
3...MINIMIZATION OF DISTORSION
4...OBJECTIVE RATING
5...SUBJECTIVE RATINGS

(57) Abstract: The invention concerns a method for evaluating the quality of audio-visual sequences by: a training comprising the attribution of a subjective rating to each of N_o training sequences exhibiting degradations identified by a training vector assigned to each sequence according to a first vectoring process, to constitute a database consisting of N_o training vectors MO_i and subjective ratings NS_i; classifying the training vectors into k classes of ratings based on the subjective ratings NS_i which have been attributed, to form k training sets whereto are attributed k significant ratings; establishing for said audio-visual sequence to be evaluated a vector according to said first vectoring process; attributing to the audio-visual sequence the significant training rating NSR_j, corresponding to the closest training set Ea_j.

[Suite sur la page suivante]

WO 01/01705 A1

ABSTRACT

The invention provides a method of evaluating the quality of an audiovisual sequence by:

a) training, comprising allocating a subjective score NS_i to each of N_0 training sequences S_i (where i = 1, 2, ..., N_0) presenting degradations identified by a training vector MO_i which is given to each sequence S_i in application of a first vectorizing method, in order to build up a database of N_0 training vectors MO_i with subjective scores NS_i;

b) classifying the N_0 training vectors MO_i into $\underline{k}$ classes of scores as a function of the subjective scores NS_i that have been allocated to them, so as to form $\underline{k}$ training sets EA_j (where j = 1, 2, ..., k) which have $\underline{k}$ significant training scores NSR_j allocated thereto;

c) for each audiovisual sequence to be evaluated, generating a vector MO using said first vectorization method; and

d) allocating to the audiovisual sequence for evaluation the significant training score NSR_j that corresponds to the closest training set EA_j.